

ECE160 Assignment 7

Due: In class, 3:30p.m. May 24

Your high school kid brother, whose music consists entirely of MP3s downloaded for free, and your father, who has a passion for opera, are discussing violently the merits of each others collections and the mechanisms that provide them. Write an explanation for them of the MP3 standard, how it works, when it works well or poorly, and why the same standard can produce such different results. Can you listen to a music selection and detect the effects of MP3 compression, and how?

(Remember that your professor has heard about Wikipedia. You may copy figures, but the text must be your own. Don't just cut and paste.)